CORE LIST

MILK
PRODUCTION, DISPOSITION, INCOME 1977-79

Crop Reporting Board

Economics, Statistics, & Cooperatives Service

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CONTENTS

MILK PRODUCTION, DISPOSITION AND INCOME, 1979

Milk production during 1979 totaled 124 billion pounds, 2 percent more than the 1978 output of 122 billion pounds. The 1979 production was 3 percent below the record 127 billion pounds produced in 1964. Output per cow in 1979 was a record 11,471 pounds, up 253 pounds from 1978. The annual average number of cows was 10.8 million head, 1 percent below the 1978 average, and continues the downward trend.

Cash receipts from marketings of milk and cream in 1979 were at a record $14.7 billion--16 percent above the previous high of $12.7 billion in 1978. An increase in marketings coupled with higher prices accounted for the $2 billion increase from the previous year. Producer returns from combined marketings averaged $12.11 per hundredweight, up $1.44 from 1978. Producers marketed 121 billion pounds--milk equivalent--compared with 119 billion pounds in 1978. Marketings include whole milk and producer-separated cream sold to plants and dealers, as well as milk sold directly to consumers.

An estimated 2.49 billion pounds of milk were used where produced--7 percent less than a year earlier. Nearly sixty percent was fed to calves with the remainder consumed in producers' households as fluid milk, cream, and butter.

1979 MILK PRICES AND FAT TEST

Milk prices and fat test for all States for 1979, including revisions where necessary, are shown on pages 3, 8, 10, and 11.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, UNITED STATES, 1977-79

YEAR	NUMBER OF MILK COWS 1/	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
	THOUSANDS	POUNDS		PERCENT	MILLION POUNDS	
1977	10,974	11,181	409	3.65	122,698	4,483
1978	10,841	11,218	412	3.67	121,609	4,462
1979	10,777	11,471	420	3.66	123,623	4,523

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETED BY PRODUCERS, UNITED STATES, 1977-79

YEAR	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS			
				SOLD TO PLANTS AND DEALERS 2/		SOLD DIRECTLY TO CONSUMERS 3/	
	FED TO CALVES 1/	USED FOR MILK, CREAM AND BUTTER	TOTAL	AS WHOLE MILK	AS SEPARATED CREAM		TOTAL
	MILLION POUNDS						
1977	1,548	1,295	2,843	118,172	186	1,498	119,856
1978	1,499	1,174	2,673	117,293	104	1,538	118,935
1979	1,449	1,044	2,493	119,510	82	1,537	121,129

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS. 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MILK AND CREAM MARKETED BY PRODUCERS: QUANTITY, PRICE, AND CASH RECEIPTS, UNITED STATES, 1977-79

YEAR	MILK SOLD TO PLANTS AND DEALERS			CREAM SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS		
	QUANTITY	PRICE PER 100 LB	CASH RECEIPTS	QUANTITY	PRICE PER LB OF FAT	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS
	MIL LBS	DOL	1,000 DOL	1,000 LBS	CT	1,000 DOL	1,000 QT	CT	1,000 DOL
1977	118,172	9.72	11,489,633	6,736	92.0	6,197	696,557	36.7	255,900
1978	117,293	10.60	12,408,560	3,750	102	3,843	715,535	38.8	277,470
1979	119,510	12.00	14,361,926	2,956	119	3,523	715,024	42.3	302,120

MARKETING, INCOME, AND VALUE OF MILK PRODUCTION, UNITED STATES, 1977-79

YEAR	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, CREAM AND BUTTER WHERE PRODUCED			VALUE OF ALL MILK PRODUCED 2/ 4/
	MILK UTILIZED	AVERAGE RETURNS 1/ PER 100 POUNDS OF MILK	PER POUND OF MILKFAT	CASH RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE 2/	GROSS PRODUCERS INCOME 3/	
	MIL LBS	DOLLARS		1,000 DOL	MIL LBS		1,000 DOL	
1977	119,856	9.80	2.68	11,751,730	1,295	127,699	11,879,429	12,027,741
1978	118,935	10.67	2.91	12,689,873	1,174	125,780	12,815,653	12,974,249
1979	121,129	12.11	3.31	14,667,569	1,044	127,498	14,795,067	14,967,830

1/ CASH RECEIPTS DIVIDED BY MILK OR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUE AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1978

STATE	NUMBER OF MILK COWS 1/	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
	THOUSANDS	POUNDS		PERCENT	MIL. LBS.	
ALA	81	7790	281	3.61	631	23
ALAS	1.4	10571	354	3.35	14.8	0.5
ARIZ	68	13324	480	3.60	906	33
ARK	89	8191	292	3.57	729	26
CALIF	846	14018	506	3.61	11859	428
COLO	72	12111	432	3.57	872	31
CONN	50	12240	453	3.70	612	23
DEL	11.7	11026	408	3.70	129	4.8
FLA	193	10093	350	3.47	1948	68
GA	129	10116	369	3.65	1305	48
HAW	12.9	11628	403	3.47	150	5.2
IDAHO	140	11664	419	3.59	1633	59
ILL	231	10403	385	3.70	2403	89
IND	203	10729	402	3.75	2178	82
IOWA	377	10504	387	3.68	3960	146
KANS	136	10110	369	3.65	1375	50
KY	269	8454	311	3.68	2274	84
LA	128	8305	303	3.65	1063	39
MAINE	58	11052	405	3.66	641	23
MD	134	11493	424	3.69	1540	57
MASS	48	11896	437	3.67	571	21
MICH	403	11893	439	3.69	4793	177
MINN	837	10859	392	3.61	9089	328
MISS	106	7887	291	3.69	836	31
MO	277	9913	361	3.64	2746	100
MONT	27	11333	407	3.59	306	11.
NEBR	124	10234	376	3.67	1269	47
NEV	14.7	12721	447	3.51	187	6.6
N H	31	11000	411	3.74	341	13
N J	45	11667	431	3.69	525	19
N MEX	33	13879	482	3.47	458	16
N Y	906	11488	415	3.61	10408	376
N C	143	10888	397	3.65	1557	57
N DAK	100	9030	324	3.59	903	32
OHIO	384	11133	413	3.71	4275	159
OKLA	113	9646	344	3.57	1090	39
OREG	93	11452	439	3.83	1065	41
PA	700	11259	421	3.74	7881	295
R I	4.7	11702	428	3.66	55	2
S C	54	9556	369	3.86	516	20
S DAK	170	9412	337	3.58	1600	57
TENN	209	10163	379	3.73	2124	79
TEX	311	11039	392	3.55	3433	122
UTAH	76	12368	438	3.54	940	33
VT	186	11484	424	3.69	2136	79
VA	172	11058	404	3.65	1902	69
WASH	186	14349	531	3.70	2669	99
W VA	37	9243	342	3.70	342	13
WISC	1811	11735	440	3.75	21252	797
WYO	11.1	10541	378	3.59	117.0	4.2
U.S.	10841	11218	412	3.67	121609	4462

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. U.S. TOTAL WILL NOT ADD DUE TO ROUNDING.
2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETED BY PRODUCERS, BY STATES, 1978

STATE	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS			
	FED TO CALVES 1/	USED FOR MILK CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/ AS WHOLE MILK	SOLD TO PLANTS AND DEALERS 2/ AS SEPARATED CREAM	SOLD DIRECTLY TO CONSUMERS 3/	TOTAL
	MILLION POUNDS						
ALA	5	20	25	588		18	606
ALAS	0.3	0.4	0.7	13.7		0.4	14.1
ARIZ	5	1	6	815		85	900
ARK	10	25	35	685		9	694
CALIF	73	11	84	11420		355	11775
COLO	30	16	46	785		41	826
CONN	6	5	11	585		16	601
DEL	1	2	3	125		1	126
FLA	6	12	18	1925		5	1930
GA	7	10	17	1280		8	1288
HAW	1.7	1	2.7	147.3		4/	147.3
IDAHO	39	16	55	1560	1	17	1578
ILL	23	13	36	2365		2	2367
IND	20	16	36	2125	6	11	2142
IOWA	78	55	133	3805	9	13	3827
KANS	18	15	33	1335		7	1342
KY	28	111	139	2115		20	2135
LA	4	22	26	1025		12	1037
MAINE	8	6	14	620		7	627
MD	11	16	27	1505		8	1513
MASS	5	4	9	530		32	562
MICH	62	27	89	4675	3	26	4704
MINN	110	47	157	8925	7	0	8932
MISS	3	16	19	810		7	817
MO	27	27	54	2682		10	2692
MONT	8	12	20	274	9	3	286
NEBR	22	22	44	1210	10	5	1225
NEV	3	2	5	181		1	182
N H	4	3	7	325		9	334
N J	7	4	11	490		24	514
N MEX	5	9	14	430		14	444
N Y	149	91	240	10075		93	10168
N C	12	50	62	1475		20	1495
N DAK	28	15	43	840	16	4	860
OHIO	46	48	94	4165		16	4181
OKLA	13	22	35	1040		15	1055
OREG	20	9	29	990		46	1036
PA	55	55	110	7450		321	7771
R I	1	1	2	51		2	53
S C	6	8	14	492		10	502
S DAK	24	19	43	1510	42	5	1557
TENN	52	51	103	2015		6	2021
TEX	22	11	33	3370		30	3400
UTAH	9	11	20	880		40	920
VT	24	18	42	2090		4	2094
VA	15	28	43	1850		9	1859
WASH	24	8	32	2510		127	2637
W VA	6	15	21	314		7	321
WISC	360	163	523	20715		14	20729
WYO	3	5	8	105	1	3	109
U.S. 5/	1499	1174	2673	117293	104	1538	118935

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR N Y AND CALIF, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. INCLUDED IN MILK SOLD TO PLANTS. 5/ TOTAL MILK SOLD PLUS USED ON FARMS DOES NOT EQUAL TOTAL MILK PRODUCED DUE TO ROUNDING.

MILK AND CREAM MARKETED BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1978

STATE	MILK SOLD TO PLANTS AND DEALERS				CREAM SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS 4/		
	QUANTITY	PERCENT FLUID GRADE 1/	PRICE PER 100 LBS	CASH RECEIPTS	QUANTITY MILKFAT	PRICE PER LB FAT	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS
	MIL. LBS.	PCT.	DOLLARS	1000 DOL.	1000 LBS.	CT.	1000 DOL.	1000 QTS.	CT.	1000 DOL.
ALA	588	98	11.60	68208				8372	40.0	3349
ALAS	13.7	100	17.30	2370				186	50.0	93
ARIZ	815	100	11.10	90465				39535	37.0	14628
ARK	685	80	11.00	75350				4186	31.0	1298
CALIF	11420	96	10.20	1164840				165116	38.0	62744
COLO	785	2/	11.20	87920				19070	44.0	8391
CONN	585	100	11.50	67275				7442	47.0	3498
DEL	125	100	11.30	14125				465	43.0	200
FLA	1925	100	12.80	246400				2326	37.0	861
GA	1280	100	11.40	145920				3721	55.0	2047
HAW	147.3	100	16.10	3/23715						
IDAHO	1560	38	9.95	155220	36	70	25	7907	40.0	3163
ILL	2365	81	10.40	245960				930	45.0	419
IND	2125	90	10.70	227375	230	103	237	5116	45.0	2302
IOWA	3805	58	10.10	384305	320	118	378	6047	34.0	2056
KANS	1335	80	10.70	142845				3256	40.0	1302
KY	2115	79	10.20	215730				9302	44.0	4093
LA	1025	100	11.50	117875				5581	44.0	2456
MAINE	620	100	11.60	71920				3256	43.0	1400
MD	1505	100	11.30	170065				3721	43.0	1600
MASS	530	100	11.50	60950				14884	43.0	6400
MICH	4675	95	10.50	490875	115	90	102	12093	47.0	5684
MINN	8925	54	9.86	880005	251	115	289			
MISS	810	95	11.10	89910				3256	42.0	1368
MO	2682	72	10.20	273564				4651	50.0	2326
MONT	274	93	10.70	29318	329	91	299	1395	40.0	558
NEBR	1210	56	10.30	124630	363	70	254	2326	44.0	1023
NEV	181	100	10.40	18824				465	45.0	209
N H	325	100	11.50	37375				4186	43.0	1800
N J	490	100	11.10	54390				11163	41.0	4577
N MEX	430	100	11.50	49450				6512	50.0	3256
N Y	10075	100	10.50	1057875				43256	41.0	17735
N C	1475	97	11.40	168150				9302	40.0	3721
N DAK	840	39	9.55	80220	576	91	524	1860	46.0	856
OHIO	4165	92	10.70	445655				7442	45.0	3349
OKLA	1040	89	11.00	114400				6977	51.0	3558
OREG	990	87	10.80	106920				21395	36.0	7702
PA	7450	98	11.10	826950				149302	34.0	50763
R I	51	100	11.60	5916				930	47.0	437
S C	492	100	11.90	58548				4651	49.0	2279
S DAK	1510	31	9.80	147980	1495	114	1704	2326	40.0	930
TENN	2015	85	10.60	213590				2791	41.0	1144
TEX	3370	100	11.60	390920				13953	52.0	7256
UTAH	860	74	10.50	90640				18605	33.0	6140
VT	2040	100	11.20	234080				1860	41.0	763
VA	1850	93	11.00	203500				4186	46.0	1926
WASH	2510	100	10.60	266060				59070	36.0	21265
W VA	314	2/	10.70	33593				3256	51.0	1661
WISC	20715	67	10.26	2125359				6512	34.0	2214
WYO	105	2/	10.50	11025	37	83	31	1395	48.0	670
U.S.	117293	83	10.60	12408560	3750	102	3843	715535	38.8	277470

1/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURED DAIRY PRODUCTS. 2/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 3/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 4/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1978

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK CREAM AND BUTTER WHERE PRODUCED		GROSS PRODUCER INCOME 3/	VALUE OF MILK PRODUCED 2/ 4/
	MILK UTILIZED	AVERAGE RETURNS 1/ PER 100 POUNDS MILK	AVERAGE RETURNS 1/ PER POUND MILKFAT	CASH RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE 2/		
	MIL. LBS	DOLLARS		1000 DOL.	MIL. LBS.		1000 DOLLARS	
ALA	606	11.81	3.27	71557	20	2362	73919	74521
ALAS	14.1	17.47	5.21	2463	0.4	70	2533	2586
ARIZ	900	11.68	3.24	105093	1	117	105210	105821
ARK	694	11.04	3.09	76648	25	2760	79408	80482
CALIF	11775	10.43	2.89	1227584	11	1147	1228731	1236894
COLO	826	11.66	3.27	96311	16	1866	98177	101675
CONN	601	11.78	3.18	70773	5	589	71362	72094
DEL	126	11.37	3.07	14325	2	227	14552	14667
FLA	1930	12.81	3.69	247261	12	1537	248798	249539
GA	1288	11.49	3.15	147967	10	1149	149116	149945
HAW	147.3	16.10	4.64	23715	1	161	23876	24150
IDAHO	1578	10.04	2.80	158408	16	1606	160014	163953
ILL	2367	10.41	2.81	246379	13	1353	247732	250152
IND	2142	10.73	2.86	229914	16	1717	231631	233699
IOWA	3827	10.11	2.75	386739	55	5561	392300	400356
KANS	1342	10.74	2.94	144147	15	1611	145758	147675
KY	2135	10.30	2.80	219823	111	11433	231256	234222
LA	1037	11.60	3.18	120331	22	2552	122883	123308
MAINE	627	11.69	3.19	73320	6	701	74021	74933
MD	1513	11.35	3.08	171665	16	1816	173481	174790
MASS	562	11.98	3.26	67350	4	479	67829	68406
MICH	4704	10.56	2.86	496661	27	2851	499512	506141
MINN	8932	9.86	2.73	880294	47	4634	884928	896175
MISS	817	11.17	3.03	91278	16	1787	93065	93381
MO	2692	10.25	2.82	275890	27	2768	278658	281465
MONT	286	10.55	2.94	30175	12	1266	31441	32283
NEBR	1225	10.28	2.80	125907	22	2262	128169	130453
NEV	182	10.46	2.93	19033	2	209	19242	19560
N H	334	11.73	3.14	39175	3	352	39527	39999
N J	514	11.47	3.11	58967	4	459	59426	60218
N MEX	444	11.87	3.42	52706	9	1068	53774	54365
N Y	10168	10.58	2.93	1075610	91	9628	1085238	1101166
N C	1495	11.50	3.15	171871	50	5750	177621	179055
N DAK	860	9.49	2.64	81600	15	1424	83024	85695
OHIO	4181	10.74	2.89	449004	48	5155	454159	459135
OKLA	1055	11.18	3.13	117958	22	2460	120418	121862
OREG	1036	11.06	2.89	114622	9	995	115617	117789
PA	7771	11.29	3.02	877713	55	6210	883923	889765
R I	53	11.99	3.28	6353	1	120	6473	6595
S C	502	12.12	3.14	60827	8	970	61797	62539
S DAK	1557	9.67	2.70	150614	19	1837	152451	154720
TENN	2021	10.63	2.85	214734	51	5421	220155	225781
TEX	3400	11.71	3.30	398176	11	1288	399464	402004
UTAH	920	10.52	2.97	96780	11	1157	97937	98888
VT	2094	11.22	3.04	234843	18	2020	236863	239659
VA	1859	11.05	3.03	205426	28	3094	208520	210171
WASH	2637	10.90	2.95	287325	8	872	288197	290921
W VA	321	10.98	2.97	35259	15	1647	36906	37552
WISC	20729	10.26	2.74	2127573	163	16724	2144297	2180455
WYO	109	10.76	3.00	11726	5	538	12264	12589
U.S.	118935	10.67	2.91	12689873	1174	125780	12815653	12974249

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1979

STATE	NUMBER OF MILK COWS 1/	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
	THOUSANDS	POUNDS		PERCENT	MIL. LBS.	
ALA	78	7731	281	3.63	603	22
ALAS	1.2	10833	388	3.58	13	0.5
ARIZ	71	13127	471	3.59	932	33
ARK	88	8182	292	3.57	720	26
CALIF	871	14408	511	3.55	12549	445
COLO	72	11903	426	3.58	857	31
CONN	49	12347	451	3.65	605	22
DEL	11.7	11026	405	3.67	129	4.7
FLA	188	10457	361	3.45	1966	68
GA	127	10268	374	3.64	1304	47
HAW	12.8	11719	398	3.40	150	5.1
IDAHO	141	11979	430	3.59	1689	61
ILL	234	10342	385	3.72	2420	90
IND	200	10875	406	3.73	2175	81
IOWA	372	10538	389	3.69	3920	145
KANS	126	10349	378	3.65	1304	48
KY	255	8706	320	3.67	2220	81
LA	121	8438	306	3.63	1021	37
MAINE	56	11393	414	3.63	638	23
MD	131	11603	426	3.67	1520	56
MASS	45	12511	455	3.64	563	20
MICH	397	12166	446	3.67	4830	177
MINN	843	10848	396	3.65	9145	334
MISS	100	8140	300	3.68	814	30
MO	270	10174	369	3.63	2747	100
MONT	27	10630	381	3.58	287	10
NEBR	120	10792	397	3.68	1295	48
NEV	15	13267	456	3.44	199	6.8
N H	30	11400	420	3.68	342	13
N J	41	12049	443	3.68	494	18
N MEX	35	14457	502	3.47	506	18
N Y	905	11800	427	3.62	10679	387
N C	141	11099	403	3.63	1565	57
N DAK	95	9200	329	3.58	874	31
OHIO	377	11313	419	3.70	4265	158
OKLA	110	9727	347	3.57	1070	38
OREG	94	11734	442	3.77	1103	42
PA	701	11532	429	3.72	8084	301
R I	4.4	11364	411	3.62	50	1.8
S C	50	10480	401	3.83	524	20
S DAK	168	9577	347	3.62	1609	58
TENN	211	10005	371	3.71	2111	78
TEX	311	11051	392	3.55	3437	122
UTAH	76	12474	442	3.54	948	34
VT	183	11907	437	3.67	2179	80
VA	170	11371	415	3.65	1933	71
WASH	192	14641	537	3.67	2811	103
W VA	37	9649	355	3.68	357	13
WISC	1813	12107	454	3.75	21950	823
WYO	11	10636	382	3.59	117	4.2
U.S.	10777	11471	420	3.66	123623	4523

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. U.S. TOTAL WILL NOT ADD DUE TO ROUNDING. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETED BY PRODUCERS, BY STATES, 1979

STATE	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS			
	FED TO CALVES 1/	USED FOR MILK CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/ AS WHOLE MILK	SOLD TO PLANTS AND DEALERS 2/ AS SEPARATED CREAM	SOLD DIRECTLY TO CONSUMERS 3/	TOTAL
	MILLION POUNDS						
ALA	5	15	20	565		18	583
ALAS	0.4	0.4	0.8	11.9		0.3	12.2
ARIZ	6	1	7	840		85	925
ARK	9	24	33	660		7	687
CALIF	66	10	76	12135		338	12473
COLO	32	16	48	770		39	809
CONN	6	4	10	580		15	595
DEL	1	2	3	125		1	126
FLA	8	14	22	1940		4	1944
GA	8	10	18	1280		6	1286
HAW	1.7	1	2.7	147.3		4/	147.3
IDAHO	40	15	55	1612		22	1634
ILL	21	12	33	2385		2	2387
IND	19	14	33	2131		11	2142
IOWA	75	45	120	3790	10		3800
KANS	19	10	29	1270		5	1275
KY	30	90	120	2090		10	2100
LA	4	20	24	985		12	997
MAINE	8	7	15	615		8	623
MD	11	16	27	1485		8	1493
MASS	5	4	9	525		29	554
MICH	70	20	90	4710	3	27	4740
MINN	50	27	77	9068			9068
MISS	2	14	16	790		8	798
MO	27	19	46	2691		10	2701
MONT	8	12	20	259	5	3	267
NEBR	20	20	40	1240	10	5	1255
NEV	3	2	5	194			194
N H	5	3	8	325		9	334
N J	5	4	9	465		20	485
N MEX	5	9	14	478		14	492
N Y	150	89	239	10350		90	10440
N C	15	50	65	1480		20	1500
N DAK	28	15	43	815	12	4	831
OHIO	40	40	80	4170		15	4185
OKLA	17	23	40	1015		15	1030
OREG	20	8	28	1025		50	1075
PA	60	40	100	7610		374	7984
R I	1	1	2	46		2	48
S C	7	8	15	495		14	509
S DAK	24	18	42	1520	42	5	1567
TENN	53	52	105	2000		6	2006
TEX	22	10	32	3370		35	3405
UTAH	10	5	15	892		41	933
VT	26	19	45	2130		4	2134
VA	12	23	35	1890		8	1898
WASH	27	6	33	2660		118	2778
W VA	6	14	20	330		7	337
WISC	358	159	517	21420		13	21433
WYO	3	4	7	110			110
U.S. 5/	1449	1044	2493	119510	82	1537	121129

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR N Y AND CALIF, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. INCLUDED IN MILK SOLD TO PLANTS. 5/ TOTAL MILK SOLD PLUS USED ON FARMS DOES NOT EQUAL TOTAL MILK PRODUCED DUE TO ROUNDING.

MILK AND CREAM MARKETED BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1979

STATE	MILK SOLD TO PLANTS AND DEALERS				CREAM SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS 4/		
	QUANTITY	PERCENT FLUID GRADE 1/	PRICE PER 100 LBS	CASH RECEIPTS	QUANTITY MILKFAT	PRICE PER LB FAT	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS
	MIL. LBS.	PCT.	DOLLARS	1000 DOL.	1000 LBS.	CT.	1000 DOL.	1000 QTS.	CT.	1000 DOL.
ALA	565	98	13.30	75145				8372	50	4186
ALAS	11.9	100	17.50	2083				140	55	77
ARIZ	840	100	12.50	105000				39535	39	15419
ARK	680	80	12.50	85000				3256	36	1172
CALIF	12135	96	11.40	1383390				157209	43	67600
COLO	770	2/	12.80	98560				18140	45	8163
CONN	580	100	12.80	74240				6977	50	3489
DEL	125	100	12.60	15750				465	47	219
FLA	1940	100	14.50	281300				1860	42	781
GA	1280	100	12.90	165120				2791	55	1535
HAW	147.3	100	16.90	3/ 24894						
IDAHO	1612	38	11.40	183768				10233	47	4810
ILL	2385	81	11.90	283815				930	48	446
IND	2131	90	12.30	262113				5116	50	2558
IOWA	3790	58	11.60	439640	360	132	475			
KANS	1270	80	12.00	152400				2326	45	1047
KY	2090	81	11.80	246620				4651	49	2279
LA	985	100	13.20	130020				5581	47	2623
MAINE	615	100	13.60	79950				3721	47	1749
MD	1485	100	12.60	187110				3721	47	1749
MASS	525	100	12.80	67200				13488	46	6204
MICH	4710	95	12.00	565200	113	98	111	12558	50	6279
MINN	9068	55	11.32	1026498						
MISS	790	95	12.60	99540				3721	47	1749
MO	2691	73	11.70	314847				4651	51	2372
MONT	259	96	11.90	30821	175	100	176	1395	44	614
NEBR	1240	56	11.90	147560	364	100	364	2326	48	1116
NEV	194	100	11.50	22310						
N H	325	100	12.80	41600				4186	46	1926
N J	465	100	12.50	58125				9302	41	3814
N MEX	478	100	13.00	62140				6512	50	3256
N Y	10350	100	11.90	1231650				41860	43	18000
N C	1480	96	12.70	187960				9302	48	4465
N DAK	815	42	11.00	89650	431	100	431	1860	52	967
OHIO	4170	92	12.10	504570				6977	46	3209
OKLA	1015	89	12.50	127890				6977	52	3628
OREG	1025	88	12.10	124025				23256	40	9302
PA	7610	98	12.70	966470				173953	37	64363
R I	46	100	12.80	5888				930	50	465
S C	495	100	13.20	65340				6512	53	3451
S DAK	1520	33	11.30	171760	1512	130	1966	2326	45	1047
TENN	2000	86	12.20	244000				2791	46	1284
TEX	3370	100	13.10	441470				16279	54	8791
UTAH	892	73	11.70	104364				19070	35	6675
VT	2130	100	12.50	266250				1860	44	818
VA	1890	93	12.40	232470				3721	50	1861
WASH	2660	100	11.90	316540				54884	41	22502
W VA	330	2/	12.10	39930				3256	56	1823
WISC	21420	68	11.75	2516850				6047	37	2237
WYO	110	2/	11.90	13090						
U.S.	119510	83	12.00	14361926	2956	119	3523	715024	42.3	302120

1/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURED DAIRY PRODUCTS. 2/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 3/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 4/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1979

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK CREAM AND BUTTER WHERE PRODUCED		GROSS PRODUCER INCOME 3/	VALUE OF MILK PRODUCED 2/ 4/
	MILK UTILIZED	AVERAGE RETURNS 1/ PER 100 POUNDS MILK	AVERAGE RETURNS 1/ PER POUND MILKFAT	CASH RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE 2/		
	MIL. LBS	DOLLARS		1000 DOL.	MIL. LBS.		1000 DOLLARS	
ALA	583	13.61	3.75	79331	15	2042	81373	82068
ALAS	12.2	17.70	4.94	2160	0.4	71	2231	2301
ARIZ	925	13.02	3.63	120419	1	.130	120549	121346
ARK	687	12.54	3.51	86172	24	3010	89182	90288
CALIF	12473	11.63	3.28	1450990	10	1163	1452153	1459449
COLO	809	13.19	3.68	106723	16	2110	108833	113038
CONN	595	13.06	3.58	77729	4	522	78251	79013
DEL	126	12.67	3.45	15969	2	253	16222	16344
FLA	1944	14.51	4.21	282081	14	2031	284112	285267
GA	1286	12.96	3.56	166655	10	1296	167951	168998
HAW	147.3	16.90	4.97	24894	1	169	25063	25350
IDAHO	1634	11.54	3.21	188578	15	1731	190309	194911
ILL	2387	11.91	3.20	284261	12	1429	285690	288222
IND	2142	12.36	3.31	264671	14	1730	266401	268830
IOWA	3800	11.58	3.14	440115	45	5211	445326	453936
KANS	1275	12.04	3.30	153447	10	1204	154651	157002
KY	2100	11.85	3.23	248899	90	10665	259564	263070
LA	997	13.30	3.66	132643	20	2660	135303	135793
MAINE	623	13.11	3.61	81699	7	918	82617	83642
MD	1493	12.65	3.45	188859	16	2024	190883	192280
MASS	554	13.25	3.64	73404	4	530	73934	74598
MICH	4740	12.06	3.29	571590	20	2412	574002	582498
MINN	9068	11.32	3.10	1026498	27	3056	1029554	1035214
MISS	798	12.69	3.45	101289	14	1777	103066	103297
MO	2701	11.74	3.23	317219	19	2231	319450	322498
MONT	267	11.84	3.31	31611	12	1421	33032	33981
NEBR	1255	11.88	3.23	149040	20	2376	151416	153846
NEV	194	11.50	3.34	22310	2	230	22540	22865
N H	334	13.03	3.54	43526	3	391	43917	44563
N J	485	12.77	3.47	61939	4	511	62450	63084
N MEX	492	13.29	3.83	65396	9	1196	66592	67247
N Y	10440	11.97	3.31	1249650	89	10653	1260303	1278276
N C	1500	12.83	3.53	192425	50	6415	198840	200790
N DAK	831	10.96	3.06	91048	15	1644	92692	95790
OHIO	4185	12.13	3.28	507779	40	4852	512631	517345
OKLA	1030	12.77	3.58	131518	23	2937	134455	136639
OREG	1075	12.40	3.29	133327	8	992	134319	136772
PA	7984	12.91	3.47	1030833	40	5164	1035997	1043644
R I	48	13.24	3.66	6353	1	132	6485	6620
S C	509	13.51	3.53	68791	8	1081	69872	70792
S DAK	1567	11.15	3.08	174773	18	2007	176780	179404
TENN	2006	12.23	3.30	245284	52	6360	251644	258175
TEX	3405	13.22	3.72	450261	10	1322	451583	454371
UTAH	933	11.90	3.36	111039	5	595	111634	112812
VT	2134	12.51	3.41	267068	19	2377	269445	272593
VA	1898	12.35	3.38	234331	23	2841	237172	238726
WASH	2778	12.20	3.32	339042	6	732	339774	342942
W VA	337	12.39	3.37	41753	14	1735	43488	44232
WISC	21433	11.75	3.13	2519087	159	18683	2537770	2579125
WYO	110	11.90	3.31	13090	4	476	13566	13923
U.S.	121129	12.11	3.31	14667569	1044	127498	14795067	14967830

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

SUPPLY AND UTILIZATION OF MILK, UNITED STATES, 1977-79 1/

ITEM	1977	1978	1979
		MIL LB	
MILK PRODUCTION	122,698	121,609	123,623
NET IMPORTS OF INGREDIENTS (M.E.) 2/	228	232	224
NET CHANGE IN STORAGE CREAM (M.E.) 3/	-16	-11	24
TOTAL SUPPLY	122,910	121,830	123,871
UTILIZATION (MILK EQUIVALENT)			
USED IN MANUFACTURED PRODUCTS--			
CREAMY BUTTER, TOTAL M.E.	24,396	22,372	22,214
M.E. OF BUTTER FROM WHEY CREAM	2,543	2,660	2,814
NET MILK EQUIVALENT	21,853	19,712	19,400
CHEESE:			
AMERICAN	20,480	20,737	21,844
OTHER	8,385	9,182	9,734
COTTAGE CHEESE, CREAMED	1,056	1,055	1,018
CANNED MILK:			
EVAPORATED, SWEETENED CONDENSED	1,809	1,725	1,756
BULK CONDENSED WHOLE MILK:			
UNSWEETENED	398	348	375
SWEETENED	182	186	188
DRY WHOLE MILK	514	549	630
ICE CREAM AND OTHER FROZEN DAIRY PRODUCTS,			
TOTAL M.E.	13,805	13,860	13,855
M.E. OF BUTTER AND CONDENSED MILK USED			
IN ICE CREAM	2,098	2,116	2,122
NET MILK EQUIVALENT	11,707	11,744	11,733
OTHER MANUFACTURED PRODUCTS 4/	684	707	723
TOTAL MANUFACTURED PRODUCTS	67,068	65,945	67,401
AVAILABLE FOR USE IN FLUID PRODUCTS			
SOLD BY DEALERS	49,885	49,685	49,884
SOLD BY PRODUCERS DIRECTLY TO CONSUMERS 5/	1,498	1,538	1,537
TOTAL AVAILABLE FOR FLUID PRODUCTS	51,383	51,223	51,421
USED WHERE PRODUCED--			
FED TO CALVES	1,548	1,499	1,449
CONSUMED AS FLUID MILK, CREAM AND FARM-			
CHURNED BUTTER	1,295	1,174	1,044
TOTAL USED BY PRODUCERS	2,843	2,673	2,493
RESIDUAL 6/	1,616	1,989	2,556
TOTAL UTILIZATION	122,910	121,830	123,871

1/ MILK PRODUCTION PLUS THE MILK EQUIVALENT OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS AND NET OUT-OF-STORAGE MOVEMENT OF CREAM EQUALS TOTAL SUPPLY. DATA ON MILK USED IN MANUFACTURING PRODUCTS ARE BASED ON TOTAL MILKFAT REQUIRED TO PRODUCE THE PRODUCTS AND INCLUDE THE MILK EQUIVALENT OF ANY IMPORTED INGREDIENTS USED. 2/ WHOLE MILK EQUIVALENT (MILKFAT BASIS) OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS SUCH AS FROZEN CREAM AND BUTTERFAT-SUGAR MIXTURES. 3/ WHOLE MILK EQUIVALENT OF NET OUT-OF-STORAGE MOVEMENT OF FLUID AND PLASTIC CREAM DURING THE YEAR. A NEGATIVE FIGURE REPRESENTS A NET MOVEMENT OF CREAM INTO STORAGE. 4/ WHOLE MILK EQUIVALENT OF DRY CREAM, MALTED MILK POWDER, PART-SKIM DRY MILK, DRY OR CONCENTRATED ICE CREAM MIX, DEHYDRATED BUTTERFAT AND OTHER MISCELLANEOUS PRODUCTS USING MILKFAT. 5/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 6/ RESIDUAL, INCLUDES MINOR MISCELLANEOUS USES AND ANY INACCURACIES IN PRODUCTION AND UTILIZATION ESTIMATES.